

Title (en)  
Device for sterilising containers

Title (de)  
Vorrichtung zum Sterilisieren von Behältnissen

Title (fr)  
Dispositif de stérilisation de récipients

Publication  
**EP 2371397 B2 20220216 (DE)**

Application  
**EP 11159324 A 20110323**

Priority  
DE 102010012569 A 20100323

Abstract (en)  
[origin: EP2371397A1] The device has a transportation unit (2) transporting containers (10) along a predetermined transportation path. A sterilization unit (3) and another sterilization unit sterilize inner walls and outer walls of the containers, respectively. The former sterilization units comprise a bar-like sterilization element (4) i.e. radiation element, that is extended in a longitudinal direction vertically to the transportation path, where the sterilization units comprise a radiation generation device (6) that generates sterilizing radiation i.e. electron radiation. An independent claim is also included for a method for sterilizing containers.

IPC 8 full level  
**A61L 2/08** (2006.01); **B65B 55/02** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP)  
**A61L 2/087** (2013.01); **B65B 55/08** (2013.01); **B67C 7/0073** (2013.01); **A61L 2202/121** (2013.01); **B67C 2003/228** (2013.01)

Cited by  
EP2724731A1; FR2982491A1; EP2769922A4; EP2742958A1; CN106006523A; DE102012112368A1; RU2651292C2; FR3006194A1; EP2769740A4; EP2491955A1; US9775923B2; US8796641B2; US9161999B2; US9155807B2; WO2015124357A1; EP2746174A1; WO2013068251A1; WO2015144379A1; WO2014195240A1; EP2755052A1; US9656812B2; US10226540B2; EP2737909A1; US9343190B2; EP2803368A1; DE102013104998A1; EP3527230A1; CN111741774A; WO2016114107A1; WO2016114108A1; WO2015124358A1; WO2016079032A1; US9511158B2; US10279064B2; US11963540B2; WO2014095838A1; WO2014095842A1; US9550003B2; US9969512B2; EP3360810A1; WO2019162342A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2371397 A1 201111005; EP 2371397 B1 20150225; EP 2371397 B2 20220216**; CN 102198872 A 20110928; CN 102198872 B 20160427; DE 102010012569 A1 20110929; JP 2011201600 A 20111013; JP 6084765 B2 20170222

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